Attorney Decket No. BDL-341XX
Filed: Herewith
Group Art Unit:

Please amend the Claims to read as follows (a copy of the amended claims showing the additions and deletions appears at the end for the Examiner's convenience):

A method of manufacturing a bowl of thermostructural composite material formed by fiber reinforcement densified by a matrix, the method being characterized in that comprises the steps consisting in:

having a bowl preform by winding a yarn, the preform having an axial passage through its bottom;

densifying the bowl preform by chemical vapor infiltration; and

cldsing the passage by means of a plug.

3. A method according to claim 1, characterized in that the consolidated bowl preform is made by winding a yarn impregnated by a precursor for said material constituting the matrix, and by transforming the precursor by heat treatment.

4. A method according to claim 3, characterized in that the consolidated bowl preform is made by winding a yarn impregnated by a carbon precursor and by transforming the precursor.

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consolidated preforms are made simultaneously by winding a shape on a mandrel where the shape corresponds to that of two bowl outline portions joined rim-to-rim, and by cutting the resulting winding in its middle portion.

- 7. A method according to claim 1, characterized in that the bowl preform is made from yarn that has no surface treatment to provide surface functions.
- 8. A method according to claim 1, characterized in that the bowl preform is made from a carbon yarn.
- 9. A method according to claim 1, characterized in that the bowl is subjected to high temperature purification and stabilization treatment.
- 10. A method according to claim 1, characterized in that the high temperature purification and stabilization treatment is performed on the consolidated bowl preform.

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11. A method according to claim 9, characterized in that the purification and stabilization treatment is performed at a temperature greater than 2200°C.

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- 12. A method according to claim 1, characterized in that bowl preform densification is performed by forming a carbon matrix.
- 13. A method according to claim 1, characterized in that the plug is made in two pieces that are assembled together so as to clamp onto the rim of the axial passage in the preform.
- 14. A method according to claim 1, characterized in that the passage is closed by a plug made of thermostructural composite material.

15. A method according to claim 1, characterized in that it includes a step consisting in performing a final chemical vapor infiltration step after the passage has been closed by the plug.

A method according to claim 1, characterized in that a JL! protective coating is formed at least on the inside face of the bowl.

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A method according to claim 1, characterized in that the inside face of the bowl is provided with a protective layer.

Please add the following new claim 24:

 $(1)^{\frac{1}{2}}$ A method according to claim 2, characterized in that:

the consolidated bowl preform is made by winding a yarn impregnated by a carbon precursor selected from phenolic, furan, epoxy, and polyimide resins for said material constituting the matrix, and by transforming the precursor by heat treatment;

two consolidated preforms are made simultaneously by winding a shape on a mandrel where the shape corresponds to that of two bowl outline portions joined rim-to-rim, and by cutting the resulting winding in its middle portion;

the bowl preform is made from yarn that has no surface treatment to provide surface functions;

the bowl preform is made from a carbon yarn;

the bowl is subjected to high temperature purification and stabilization treatment;

the high temperature purification and stabilization treatment is performed on the consolidated bowl preform;

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the purification and stabilization treatment is performed at a temperature greater than 2200°C;

bowl preform densification is performed by forming a carbon matrix;

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the plug is made in two pieces that are assembled together so as to clamp onto the rim of the axial passage in the preform;

the passage is closed by a plug made of thermostructural composite material;

it includes a step consisting in performing a final chemical vapor infiltration step after the passage has been closed by the plug;

the final chemical vapor infiltration step comprises forming a ceramic matrix phase;

the ceramic matrix phase is made of silicon carbide;

a protective coating is formed at least on the inside face of the bowl;

a protective coating is made out of pyrolytic carbon or silicon carbide;

the inside face of the bowl is provided with a protective layer;

the protective layer is made of a thermostructural composite material; and